

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) An analyzer system comprising a vertical guide, an instrument holder constrained to move along the vertical guide and designed to hold at least two instruments which are attached to the instrument holder at predefined positions so as to be directed downwards, at least one washing device for the instruments, the washing device having at least one jet orifice and a supply conduit for a wash fluid, the at least one jet orifice being designed to spray the wash fluid at the instruments; wherein the washing device comprises at least one wash ring surrounding the instruments, the washing device being separate from and movable in relation to the instrument holder, and the at least one jet orifice being aimed in an inward radial direction of the at least one wash ring.

2. (Original) The analyzer system of claim 1, wherein the washing device comprises a complete, closed wash ring surrounding

the instruments over an angle of 360°.

3. (Original) The analyzer system of claim 1, wherein the washing device is constrained for guided movement along the vertical guide.

4. (Original) The analyzer system of claim 1, wherein the washing device is disposed vertically below the instrument holder.

5. (Original) The analyzer system of claim 1, comprising at least two jet orifices distributed over an internal circumference of the at least one wash ring.

6. (Original) The analyzer system of claim 5, wherein the jet orifices are disposed at substantially equal angular intervals.

7. (Original) The analyzer system of claim 5, wherein the jet orifices are disposed substantially at diametrically opposite locations.

8. (Original) The analyzer system of claim 5, wherein the

jet orifices are disposed at angular intervals of at least 10° and less than 180°.

9. (Original) The analyzer system of claim 8, wherein the jet orifices are disposed at angular intervals of 15° to 20°.

10. (Original) The analyzer system of claim 1, wherein the washing device has at least one wash ring with at least one jet orifice disposed on a circumference of larger diameter than an internal opening width of the wash ring.

11. (Original) The analyzer system of claim 1, wherein the washing device has at least one wash ring with a common opening for all of the instruments.

12. (Original) The analyzer system of claim 1, wherein the at least one orifice has a diameter of at least 0.3 mm.

13. (Original) The analyzer system of claim 12, wherein the at least one orifice has a diameter of at least 0.5 mm.

14. (Original) The analyzer system of claim 13, wherein the at least one orifice has a diameter of 0.3 to 0.8 mm.

15. (Currently amended) The analyzer system of claim 1,
wherein the washing device has at least one wash ring with at
least one jet orifice aimed at a predetermined downward angle.

16. (Original) The analyzer system of claim 15, wherein the
predetermined downward angle is substantially between 15° and
40°.

17. (Original) The analyzer system of claim 16, wherein the
predetermined downward angle is substantially between 20° and
30°.

18. (Original) The analyzer system of claim 1, wherein the
at least one wash ring has a distributor channel for the wash
fluid extending along a perimeter of said wash ring.

19. (Original) The analyzer system of claim 18, wherein the
at least one jet orifice has an orifice cross-section and the
distributor channel has a channel cross-section that is larger
than the orifice cross-section.

20. (Original) The analyzer system of claim 19, wherein the

channel cross-section is at least five times as large as the orifice cross-section.

21. (Original) The analyzer system of claim 20, wherein the channel cross-section is ten to fifty times as large as the orifice cross-section.

22. (Original) The analyzer system of claim 1, wherein the washing device has at least two rows of jet orifices arranged one below the other.

23. (Original) The analyzer system of claim 22, wherein the rows of jet orifices are arranged on different wash rings.

24. (Original) The analyzer system of claim 23, wherein the washing device comprises wash rings that are movable in relation to each other.

25. (Original) The analyzer system of claim 1, wherein the supply conduit comprises a supply channel extending at least partially in parallel with the vertical guide.

26. (Original) The analyzer system of claim 1, further

comprising a centering device interposed between the instrument holder and the washing device.

27. (Original) The analyzer system of claim 1, further comprising a drive source that moves the instrument holder along the vertical guide.

28. (Original) The analyzer system of claim 27, wherein the drive source also moves the washing device along the vertical guide.

29. (Original) The analyzer system of claim 27, further comprising at least one take-along constraint allowing a limited range of relative movement between the instrument holder and the washing device.

Claims 30-34 (Canceled)